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**Title:** JP6223798A2: SEPARATOR FOR SEALED LEAD-ACID BATTERY

**Country:** JP Japan

**Kind:** A

**Inventor:** YAMADA TAKASHI;  
TSUJINO NAOHIRO;

**Assignee:** JAPAN STORAGE BATTERY CO LTD  
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**Published / Filed:** 1994-08-12 / 1991-02-28

**Application Number:** JP1991000059651

**IPC Code:** H01M 2/16;

**Priority Number:** 1991-02-28 JP1991000059651

**Abstract:**

**PURPOSE:** To facilitate a separator isolating process in an automatic electrode group stacking machine and to allow the massproduction of storage batteries by papering a sheet of thin paper on the side of the separator plate with an adhesive.

**CONSTITUTION:** After an adhesive composed of mainly an acryl-based resin or a pp hot melt resin, etc., is applied to and penetrated into the sides 3 of a separator 2 comprising mainly glass fibers, a sheet of thin paper 1 is stuck thereto. This thin paper sheet 1 is made of pulp, etc., and has low surface frictional resistance, and thus positioning the thin paper sheet 1 on at least the single surface of the separator plate 2 facilitates a separator isolating process in an automatic electrode group stacking machine. The thin paper sheet 1 has no acid resistance, so that it is readily dissolved in dilute sulfuric acid, electrolyte, in a storage battery to relate no charge and discharge reaction, facilitating the massproduction of the storage batteries.

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**Family:** None

**Other Abstract Info:** CHEMABS 121(26)304673S CAN121(26)304673S DERABS C94-297320 DERC94-297320 JAPABS 180586E000113 JAP180586E000113



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